

# STATISTICAL SUMMARY OF WORKLOAD

Fiscal Year 2002

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**February 2005**

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# Alaska Statistical Summary of Workload Fiscal Year 2002

## INTRODUCTION

The Alaska Native Tribal Health Consortium measures the levels of workload demand and identifies regions where health care demand is increasing or decreasing. Presented are hospital admissions, inpatient days, ambulatory patient visits, and community health aide workload. The data is used for equity fund distribution, budget justification, and trends.

Since 1955, the U.S. Public Health Service, through its Indian Health Service (IHS) component, has had the opportunity to provide comprehensive health services to American Indian and Alaska Native people in order to elevate their health status to the highest possible level.

The tribal hospitals in Alaska, their location and the number of beds for each hospital are:

<u>Name</u>	<u>Location</u>	<u>Total # Beds</u>
Alaska Native Medical Center	Anchorage	156
Kanakanak Hospital	Dillingham	16
Maniilaq Medical Center	Kotzebue	17
Mt. Edgecumbe Hospital	Sitka	49
Norton Sound Regional Hospital	Nome	19
Samuel Simmonds Memorial Hospital	Barrow	14
Yukon-Kuskokwim Delta Hospital	Bethel	50

## TABLE 1. INPATIENT ACTIVITY, EXCLUDING NEWBORN

Inpatient activity consists of inpatient admissions and inpatient days, excluding newborns. An inpatient admission is the beginning of an inpatient hospitalization. Data on inpatient workload (inpatient admissions and inpatient days) for each fiscal year is taken from the *Monthly Report of Inpatient Services - IHS Hospitals (HSA-202)*.

The Alaska Native Medical Center (ANMC), Kanakanak Hospital, Maniilaq Medical Center, Mt. Edgecumbe Hospital, Samuel Simmonds Memorial Hospital (formerly Barrow Hospital), and Yukon-Kuskokwim Delta Regional Hospital (YKHC) report inpatient activity on the HSA-202 form. Norton Sound Regional Hospital reports from an alternate data system; their inpatient counts are from a finance-based computer system.

The number of admissions on the HSA-202 form is the number of individuals beginning a hospitalization during the report month. The transfer of a newborn to pediatric service is considered a pediatric admission at the time of transfer. All other transfers to services within a hospital are not considered admissions.

An inpatient day is a unit of measure denoting the care received by one patient in one 24-hour period. In other words, the number of inpatient days on the HSA-202 form is the total number of inpatient days for all inpatient admissions receiving a particular service during that report month.

Certain conventions are followed when using the inpatient day measuring unit.

- The "24-hour period" is the period between the census taking on two successive days. When the census taking hour is midnight, this 24-hour period will be the same as the calendar day, i.e., from 12:00 midnight through 11:59 p.m.
- The day of admission is counted as an inpatient day, but the day of discharge is not counted.
- One inpatient day is counted for each inpatient admission involving an admission and discharge during the same day, i.e., between two successive census-taking hours.
- The unit of one inpatient day is never divided or reported as a fraction of a day.

Other inpatient activity, as shown on Table 1, includes the average daily patient load and the average length of stay. The average daily patient load is the number of patients occupying beds in a hospital on a daily basis. It is calculated by dividing total inpatient days for the year by 365. The average length of days that inpatients stay in the hospital is calculated by dividing the total number of hospital days by the number of inpatients.

### ***Inpatient Admissions***

During Fiscal Year 2002 (FY02), there were 10,992 inpatient admissions (excluding newborn) to tribal facilities, an overall decrease of 802 admissions representing a 6.8 percent decrease from Fiscal Year 2001 (FY01). ANMC had the greatest number of admissions at 6,688 and Samuel Simmonds Memorial Hospital's admissions were the fewest at 191. With the exception of ANMC, all tribal facilities decreased their admissions from FY01 to FY02. The number of admissions decreased by 34 at Norton Sound Regional Hospital (588 to 554, a 5.78% decrease) to the largest decrease of 234 at YKHC (2,001 to 1,767, an 11.69% decrease). Contrary to a pattern of statewide admission decreases, ANMC's admissions continue to grow as follows: 6,330 admissions in FY1999;

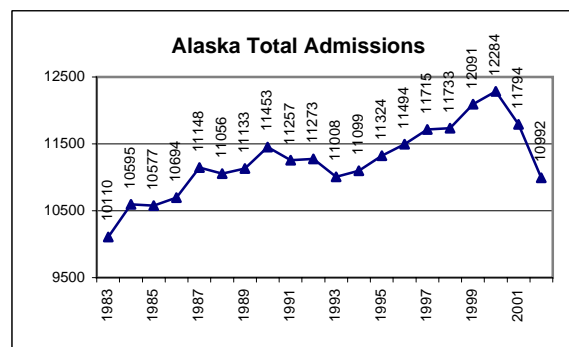
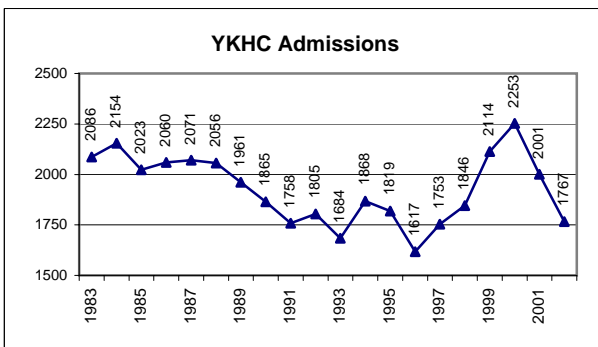
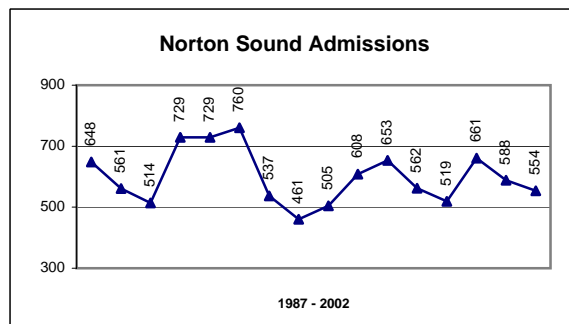
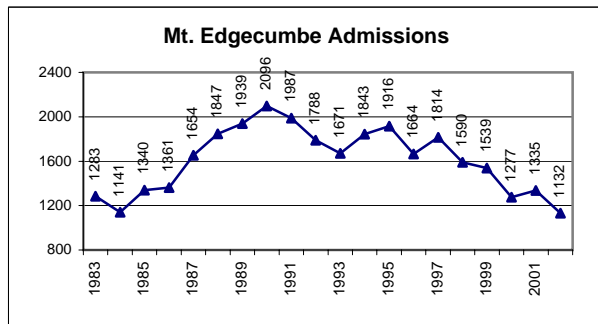
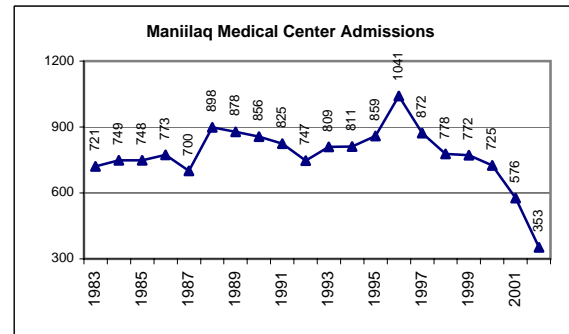
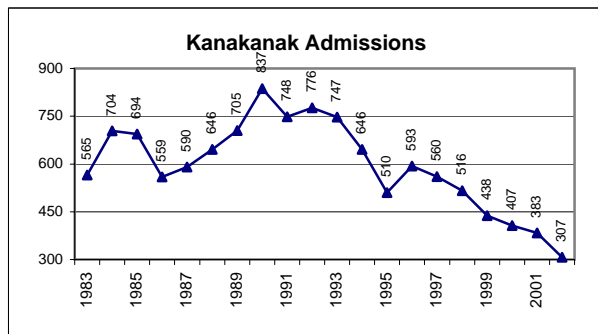
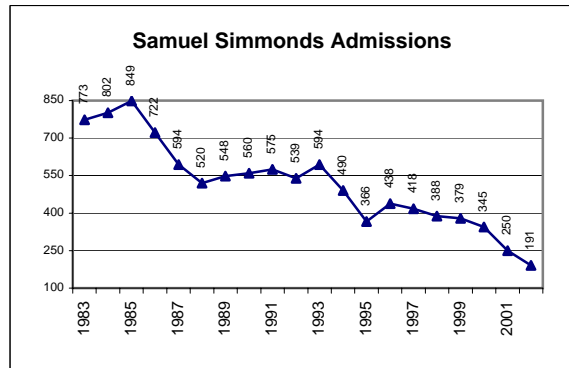
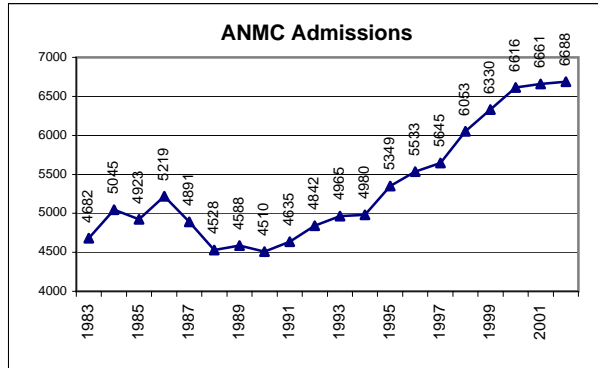
**TABLE 1**  
**INPATIENT ACTIVITY, EXCLUDING NEWBORN**  
**Fiscal Year 2002**  
**(October 1, 2001 through September 30, 2002)**  
**FY 2001 and FY 2002 Comparisons**

FACILITY	ADMISSIONS			INPATIENT DAYS		
	FY 2002	FY 2001	Percent Change	FY 2002	FY 2001	Percent Change
Alaska Native Medical Center	6,688	6,661	0.41	37,778	38,292	-1.34
Kanakanak Hospital	307	383	-19.84	812	865	-6.13
Maniilaq Medical Center	353	576	-38.72	1,154	2,113	-45.39
Mt. Edgecumbe Hospital	1,132	1,335	-15.21	7,796	8,778	-11.19
Norton Sound Regional Hospital	554	588	-5.78	1,731	1,697	2.00
Samuel Simmonds Memorial Hospital	191	250	-23.60	423	529	-20.04
Yukon-Kuskokwim Delta Hospital	1,767	2,001	-11.69	5,686	6,360	-10.60
<b>Area Total</b>	<b>10,992</b>	<b>11,794</b>	<b>-6.80</b>	<b>55,380</b>	<b>58,634</b>	<b>-5.55</b>

FACILITY	AVG. DAILY PATIENT LOAD			AVERAGE LENGTH OF STAY		
	FY 2002	FY 2001	Percent Change	FY 2002	FY 2001	Percent Change
Alaska Native Medical Center	103.50	104.91	-1.34	5.65	5.75	-1.74
Kanakanak Hospital	2.22	2.37	-6.13	2.64	2.26	17.11
Maniilaq Medical Center	3.16	5.79	-45.39	3.27	3.67	-10.88
Mt. Edgecumbe Hospital	21.36	24.05	-11.19	6.89	6.58	4.74
Norton Sound Regional Hospital	4.74	4.65	2.00	3.12	2.89	8.26
Samuel Simmonds Memorial Hospital	1.16	1.45	-20.04	2.21	2.12	4.66
Yukon-Kuskokwim Delta Hospital	15.58	17.42	-10.60	3.22	3.18	1.24
<b>Area Total</b>	<b>151.73</b>	<b>160.64</b>	<b>-5.55</b>	<b>5.04</b>	<b>4.97</b>	<b>1.34</b>

Source: HSA-202 Monthly Report of Inpatient Services, except Norton Sound which reports from an alternate data system.

**CHART A**  
**Hospital Admissions, Excluding Newborns, by Tribal Hospital\***  
**Fiscal Years 1983 - 2002**



\* Data from HSA-202 Monthly Report of Inpatient Services except for Norton Sound Regional Hospital

6,616 admissions in FY2000; 6,661 admissions in FY2001 and 6,688 admissions in FY2002. Note Chart A, *Hospital Admissions by Tribal Hospital*, that total annual admissions are decreasing throughout Alaska with the exception of ANMC.

### ***Inpatient Days***

The total number of inpatient days in tribal facilities was 55,380 in FY02. This is a decrease of 3,254 inpatient days (5.55 percent) from FY01's total of 58,634 days. ANMC had the greatest number of inpatient days at 37,778 and Samuel Simmonds Memorial Hospital had the fewest number of inpatient days at 423 days (a 20.04% decrease in inpatient days from FY01). With the exception of Norton Sound Regional Hospital, all tribal hospitals had fewer inpatient days between FY01 and FY02. Despite the fact that ANMC increased admissions by 27, their total number of inpatient days decreased from 38,292 in FY01 to 37,778 in FY02, a decrease of 514 days (1.34% decrease). Maniilaq Medical Center decreased their inpatient admissions by 214, and they decreased their inpatient days by 959 (45.39%) from 2,113 to 1,154 inpatient days. Kanakanak's inpatient days decreased from 865 to 812 (53 fewer days for a 6.13% decrease).

### ***Average Daily Patient Load***

The average daily patient load decreased overall by 5.55 percent in FY02. The lowest average daily load was 1.16 patients at Samuel Simmonds, a 20.04% decrease from FY01. The highest average daily load was 103.5 patients at ANMC. With the exception of Norton Sound Regional Hospital, all tribal hospitals decreased their average patient load between FY01 and FY02. Here, too, Maniilaq Medical Center had a substantial decrease in average daily patient load from 5.79 to 3.16 patients per day, a 45.39% decrease. Mt. Edgecumbe's decrease was 11.19% (from 24.05 to 21.36); YKHC's average daily patient load decreased 10.6% from 17.42 to 15.58. Kanakanak's average daily patient load changed little; it had a 6.13% decrease from FY01 to FY02, but the actual numbers decreased from 2.37 to 2.22.

### ***Average Length of Stay***

Overall, the average length of stay was 5.04 days for FY02 representing an increase of 1.34 percent from FY01's average of 4.97 days. At 2.21 days, Samuel Simmonds had the lowest average length of stay. Mt. Edgecumbe had the highest average length of stay at 6.89 days. The average length of stay increased at every hospital except for ANMC and Maniilaq Medical Center. At Kanakanak Hospital, the percentage increase was 17.11 representing almost an additional half day (2.26 days in FY01 compared to 2.64 days in FY02). At Maniilaq Medical Center, the average length of stay decreased by nearly one-half



day from 3.67 to 3.27 days, a 10.88% decrease. The changes were nominal at ANMC (down 1.74% from 5.75 to 5.65 days) and YKHC (up 1.24% from 3.18 to 3.22 days).

## **TABLE 2. NEWBORN INPATIENT ACTIVITY**

Table 2, page 7, shows newborn inpatient activity for FY02 compared to FY01. The data in this table is presented in the same format as Table 1. The activity is for newborn inpatients: hospital admissions, inpatient days, average daily patient load, and average length of stay.

### ***Inpatient Admissions***

For FY02 the total number of newborn inpatient admissions decreased by 133 or 6.65 percent (1,868 admissions from 2,001 in FY01). ANMC had the highest number of newborn inpatient admissions at 1,217 (4.17 percent decrease from FY01's 1,270 admissions). The fewest admissions were 27 at Samuel Simmonds; their percentage decrease was 30.77 from the previous year's admissions of 39. Mt. Edgecumbe and YKHC also had decreases in their newborn admissions from FY01 to FY02. There were 17 fewer admissions at Mt. Edgecumbe in FY02, a 21.79 percent decrease. There were 74 fewer admissions at YKHC in FY02, a 19.17 percent decrease. Norton Sound had a 5.83 percent increase in admissions (103 admissions to 109 admissions), and Kakanak Hospital had a 15.56 percent increase (45 admissions to 52 admissions). Unlike the decreases in the adult admissions, Maniilaq Medical Center actually had a 12.5 percent increase in newborn admissions (80 admissions in FY01 to 90 admissions in FY02). See Chart B, *Newborn Hospital Admissions by Tribal Hospital* for newborn admission totals from 1983 to 2002.

### ***Inpatient Days***

In FY02, the total number of newborn inpatient days increased 12.59 percent (from 5,124 days to 5,769). This represents an increase of 645 inpatient days despite 133 fewer births from FY01. ANMC reported 4,539 newborn inpatient days, a 21.27 percent increase from FY01's 3,743 inpatient days (an increase of 796 days). Mt. Edgecumbe, Samuel Simmonds and YKHC experienced decreases not only in the number of newborn admissions but also decreases in both the number of inpatient days and the average daily patient load (see below). Mt. Edgecumbe's inpatient days decreased by 30 from 207 to 177 inpatient days, a 14.49 percent decrease. Samuel Simmonds' inpatient days decreased from 52 to 36 inpatient days, a decrease of 16 days representing a 30.77 percent decrease. The decrease at YKHC was 141 inpatient days from 768 to 627, an 18.36 percent decrease. The number of newborn inpatient days increased at the following sites: ANMC (discussed above), Kakanak (an increase of 14

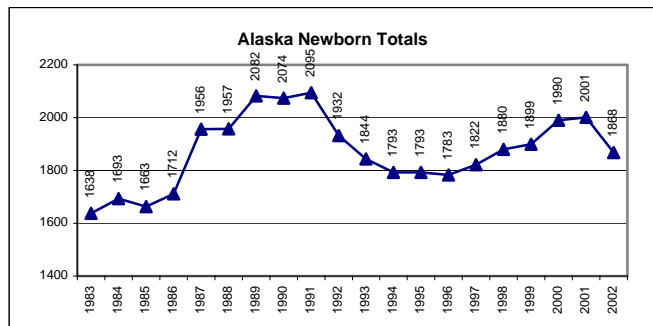
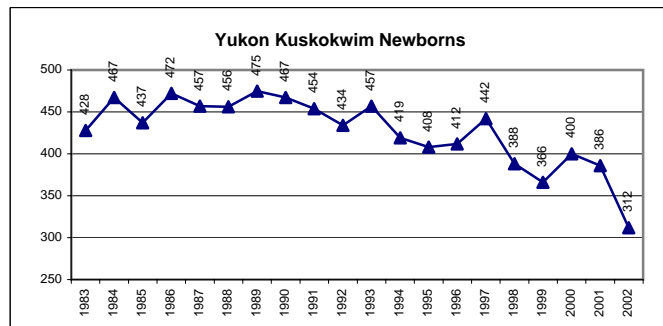
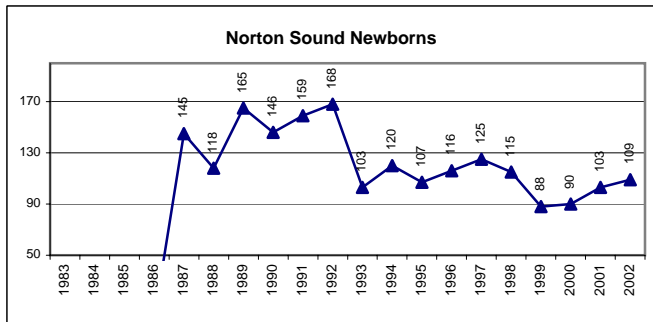
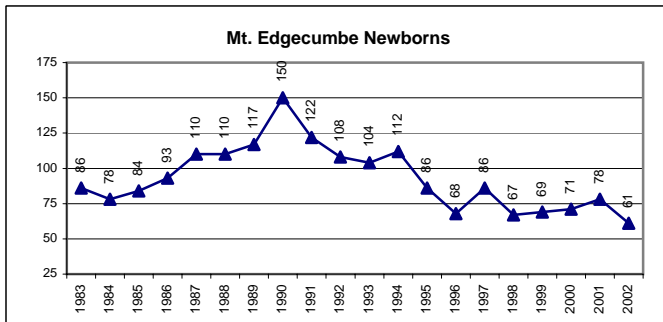
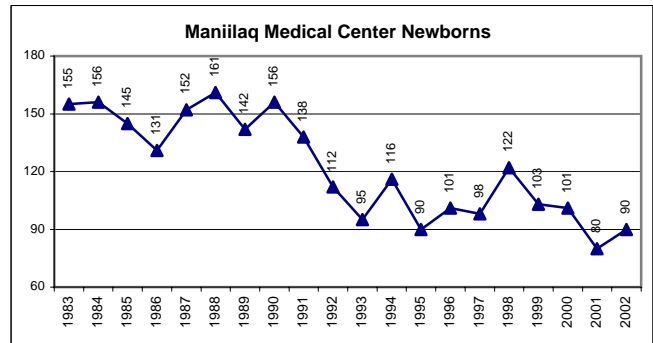
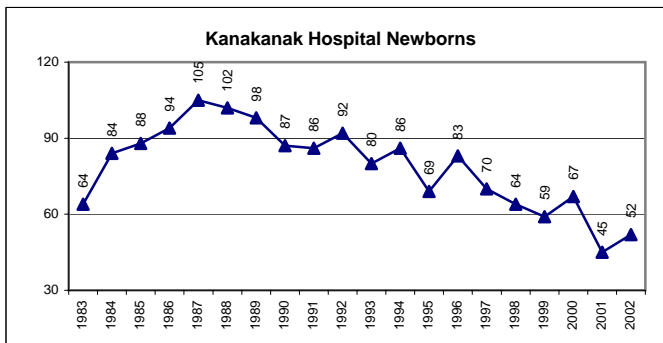
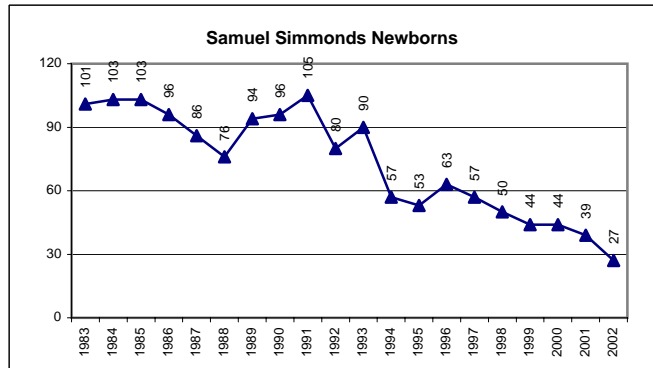
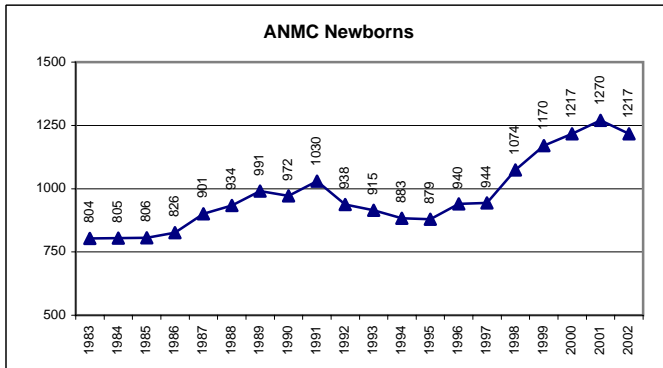
**TABLE 2**  
**NEWBORN INPATIENT ACTIVITY**  
**Fiscal Year 2002**  
**(October 1, 2001 through September 30, 2002)**  
**FY 2001 and FY 2002 Comparisons**

FACILITY	ADMISSIONS			INPATIENT DAYS		
	FY2002	FY 2001	Percent Change	FY2002	FY 2001	Percent Change
Alaska Native Medical Center	1,217	1,270	-4.17	4,539	3,743	21.27
Kanakanak Hospital	52	45	15.56	92	78	17.95
Maniilaq Medical Center	90	80	12.50	134	119	12.61
Mt. Edgecumbe Hospital	61	78	-21.79	177	207	-14.49
Norton Sound Regional Hospital	109	103	5.83	164	157	4.46
Samuel Simmonds Memorial Hospital	27	39	-30.77	36	52	-30.77
Yukon-Kuskokwim Delta Hospital	312	386	-19.17	627	768	-18.36
<b>Area Total</b>	<b>1,868</b>	<b>2,001</b>	<b>-6.65</b>	<b>5,769</b>	<b>5,124</b>	<b>12.59</b>

FACILITY	AVG. DAILY PATIENT LOAD			AVERAGE LENGTH OF STAY		
	FY2002	FY 2001	Percent Change	FY2002	FY 2001	Percent Change
Alaska Native Medical Center	12.44	10.25	21.27	3.73	2.95	26.55
Kanakanak Hospital	0.25	0.21	17.95	1.77	1.73	2.07
Maniilaq Medical Center	0.37	0.33	12.61	1.49	1.49	0.09
Mt. Edgecumbe Hospital	0.48	0.57	-14.49	2.90	2.65	9.34
Norton Sound Regional Hospital	0.45	0.43	4.46	1.50	1.52	-1.29
Samuel Simmonds Memorial Hospital	0.10	0.14	-30.77	1.33	1.33	0.00
Yukon-Kuskokwim Delta Hospital	1.72	2.10	-18.36	2.01	1.99	1.00
<b>Area Total</b>	<b>15.81</b>	<b>14.04</b>	<b>12.59</b>	<b>3.09</b>	<b>2.56</b>	<b>20.60</b>

Source: HSA-202 Monthly Report of Inpatient Services, except Norton Sound which reports from an alternate data system.

**CHART B**  
**Newborn Hospital Admissions by Tribal Hospital\***  
**Fiscal Years 1983 - 2002**



\* Data from HSA-202 Monthly Report of Inpatient Services except for Norton Sound Regional Hospital

days from 78 to 92), Maniilaq Medical Center (an increase of 15 days from 119 to 134), and Norton Sound (an increase of 7 days from 157 to 164).

### ***Average Daily Patient Load***

The total FY02 average daily patient load was 15.81, an increase of 1.77 from FY01's total of 14.04 representing a 12.59 percent increase from FY01. At ANMC, the average daily patient load was 12.44, up from 10.25, a 21.27 percent increase from FY01. Mt. Edgecumbe, Samuel Simmonds, and YKHC decreased their average patient load; the percentages are double-digit; however, the actual changes in real numbers are moderate.

### ***Average Length of Stay***

Overall, the average length of hospital stay for newborn inpatients was 3.09 days, an increase of 20.6 percent from FY01's total of 2.56 days. The newborn stay increased by one-half day from FY01 when averaged for the entire state. The shortest stay averaged 1.33 days at Samuel Simmonds, and the longest average stay was 3.73 days at ANMC. The average length of stay was nearly unchanged for Kanakanak, and YKHC. There were no changes for Maniilaq Medical Center and Samuel Simmonds. Mt. Edgecumbe's 9.34% increase represents nearly a third of a day (2.65 in FY01 and 2.90 in FY02). ANMC, whose average length of stay increased by 26.55%, had an increase of nearly three-fourths of a day from 2.95 to 3.73.

## **TABLE 3. OUTPATIENT ACTIVITY**

The total number of ambulatory care visits and patient visits to primary care providers (PCPVs) by service unit and facility are presented in Table 3, pages 10-11. The first table compares Fiscal Years 2001 and 2002.

Ambulatory Care Visits (ACV). The IHS defines an ACV as an encounter between a patient and a health care provider in an organized clinic, medical center, or hospital within an IHS or tribal facility where service resulting from the encounter is not part of an inpatient stay. The patient or his/her representative must be physically present at the time of service. A patient's representative may only pick up prescriptions. A note must be written in the medical record by a licensed or credentialed provider found to be qualified and approved for privileges by the medical staff and facility administrator.

- A visit to two clinics (such as ENT and Orthopedics) on the same day counts as **two** ACV. This applies mainly to facilities with specialists and specialty clinics.

**TABLE 3**  
**OUTPATIENT ACTIVITY<sup>1</sup>**  
**Fiscal Year 2002**  
**(October 1, 2001 through September 30, 2002)**  
**FY 2001 and FY 2002 Comparisons**

SERVICE UNIT/FACILITY	Total Ambulatory Care Visits			Primary Care Provider Visits <sup>1</sup>		
	FY2002	FY 2001	Percent Change	FY2002	FY 2001	Percent Change
<b>AREA TOTAL</b>	<b>970,146</b>	<b>948,823</b>	<b>2.2</b>	<b>562,974</b>	<b>584,331</b>	<b>(3.7)</b>
<b>ANCHORAGE SERVICE UNIT</b>	<b>352,429</b>	<b>396,254</b>	<b>(11.1)</b>	<b>204,140</b>	<b>226,661</b>	<b>(9.9)</b>
Adak Medical Center	469			469		
Akutan Health Center <sup>2</sup>	1,095	2,958	<b>(63.0)</b>	1,074	1,479	<b>(27.4)</b>
Alaska Native Medical Center	322,658	359,698	<b>(10.3)</b>	186,385	213,617	<b>(12.7)</b>
Dena'ina Health Clinic	6,914	7,791	<b>(11.3)</b>	6,884	7,791	<b>(11.6)</b>
King Cove Health Center <sup>2</sup>	3,480	6,229	<b>(44.1)</b>	3,400	1,708	<b>99.1</b>
Ilanka Health Center (Cordova)	2,274	1,224	<b>85.8</b>	1,897	1,154	<b>64.4</b>
Ninilchik Community Clinic	1,745	1,214	<b>43.7</b>	1,685	1,214	<b>38.8</b>
Sand Point Health Center <sup>2</sup>	4,044	8,144	<b>(50.3)</b>	3,989	2,363	<b>68.8</b>
Seward North Star Health Clinic	3,470	3,196	<b>8.6</b>	3,139	2,528	<b>24.2</b>
St. George Health Center	127	273	<b>(53.5)</b>	80	268	<b>(70.1)</b>
St. Paul Health Center <sup>2</sup>	7,922	7,902	<b>0.3</b>	52	32	<b>62.5</b>
<b>ANNETTE ISLAND SERVICE UNIT</b>	<b>19,081</b>	<b>17,834</b>	<b>7.0</b>	<b>9,842</b>	<b>10,194</b>	<b>(3.5)</b>
Metlakatla Health Center	19,081	17,834	<b>7.0</b>	9,842	10,194	<b>(3.5)</b>
<b>BARROW SERVICE UNIT</b>	<b>35,488</b>	<b>34,372</b>	<b>3.2</b>	<b>21,498</b>	<b>21,560</b>	<b>(0.3)</b>
Samuel Simmonds Memorial Hospital	29,154	28,883	<b>0.9</b>	19,936	20,217	<b>(1.4)</b>
Field Visits	6,334	5,489	<b>15.4</b>	1,562	1,343	<b>16.3</b>
<b>BRISTOL BAY AREA SERVICE UNIT</b>	<b>52,801</b>	<b>53,652</b>	<b>(1.6)</b>	<b>24,392</b>	<b>26,188</b>	<b>(6.9)</b>
Chignik Subregional Clinic	246	456	<b>(46.1)</b>	146	208	<b>(29.8)</b>
Kanakanak Hospital	30,842	29,743	<b>3.7</b>	20,516	21,396	<b>(4.1)</b>
Togiak Subregional Clinic	5,094	5,449	<b>(6.5)</b>	553	1,304	<b>(57.6)</b>
Field Visits	16,619	18,004	<b>(7.7)</b>	3,177	3,280	<b>(3.1)</b>
<b>INTERIOR ALASKA SERVICE UNIT</b>	<b>105,522</b>	<b>115,885</b>	<b>(8.9)</b>	<b>44,194</b>	<b>55,907</b>	<b>(21.0)</b>
Tanana Health Center	11,929	10,263	<b>16.2</b>	11,813	10,199	<b>15.8</b>
Chief Andrew Isaac Health Center	97,189	98,664	<b>(1.5)</b>	40,610	41,112	<b>(1.2)</b>
Yukon Flats Health Center	3,608	4,043	<b>(10.8)</b>	2,298	2,092	<b>9.8</b>
McGrath Health Center	1,316	2,336	<b>(43.7)</b>	972	2,266	<b>(57.1)</b>

\*See footnotes at end of table.

**TABLE 3**  
**OUTPATIENT ACTIVITY<sup>1</sup>**  
**Fiscal Year 2002**  
**(October 1, 2001 through September 30, 2002)**  
**FY 2001 and FY 2002 Comparisons**

SERVICE UNIT/FACILITY	Total Ambulatory Care Visits			Primary Care Provider Visits <sup>1</sup>		
	FY2002	FY 2001	Percent Change	FY2002	FY 2001	Percent Change
<b>KODIAK SERVICE AREA</b>	<b>15,287</b>	<b>13,355</b>	<b>14.5</b>	<b>14,876</b>	<b>12,404</b>	<b>19.9</b>
Alutiiq Enwia Health Center	15,287	13,355	14.5	14,876	12,404	19.9
<b>KOTZEBUE SERVICE UNIT</b>	<b>47,971</b>	<b>45,072</b>	<b>6.4</b>	<b>27,287</b>	<b>27,604</b>	<b>(1.1)</b>
Maniilaq Medical Center	39,520	38,547	2.5	25,978	26,698	(2.7)
Field Visits	8,451	6,525	29.5	1,309	906	44.5
<b>MT. EDGE CUMBE SERVICE UNIT</b>	<b>143,615</b>	<b>119,148</b>	<b>20.5</b>	<b>108,067</b>	<b>87,207</b>	<b>23.9</b>
Hoonah Medical Center	347	6,110	(94.3)	346	3,083	(88.8)
Klawock Health Center	11,912	10,530	13.1	10,491	8,918	17.6
KIC Tribal Health Clinic <sup>3</sup>	30,064	21,754	38.2	13,652	12,080	13.0
Mt. Edgecumbe Hospital - Sitka	53,428	43,718	22.2	43,589	35,431	23.0
SEARHC Med/Dental Clinic - Juneau	34,145	26,386	29.4	28,816	18,899	52.5
Yakutat Community Health Center	7,510	4,603	63.2	5,127	4,603	11.4
Field Visits	6,209	6,047	2.7	6,046	4,193	44.2
<b>NORTON SOUND HEALTH CORP</b>	<b>51,674</b>	<b>26,000</b>	<b>98.7</b>	<b>23,167</b>	<b>19,863</b>	<b>16.6</b>
Norton Sound Hospital	27,238	25,978	4.9	18,815	19,863	(5.3)
Field Visits	24,436	22		4,352	0	
<b>YUKON-KUSKOKWIM DELTA SU</b>	<b>146,278</b>	<b>127,251</b>	<b>15.0</b>	<b>85,511</b>	<b>96,743</b>	<b>(11.6)</b>
Aniak Subregional Health Clinic	6,337	6,134	3.3	3,589	3,345	7.3
Emmonak Subregional Clinic <sup>4</sup>	7,739	2,968	160.7	1,746	1,259	38.7
St. Mary's Subregional Clinic <sup>5</sup>	292	702	(58.4)	51	58	(12.1)
Yukon-Kuskokwim Delta Regional Hosp	99,045	101,540	(2.5)	78,709	89,636	(12.2)
Field Visits	32,865	15,907	106.6	1,416	2,445	(42.1)

<sup>1</sup> Primary care provider visit (PCPV) is an ambulatory care visit in which the provider is a physician, nurse practitioner, physician assistant, nurse midwife, or podiatrist. Dental visits are excluded from the primary care and outpatient visit totals.

<sup>2</sup> Includes Community Health Aide (CHA) encounters.

<sup>3</sup> Assumed management of health care services in the Ketchikan Borough.

<sup>4</sup> Opened 4/20/01.

<sup>5</sup> Opened 5/28/01.

- A visit to two providers within the same IHS clinic on the same day counts as **one** ACV. Pharmacy, x-ray and laboratory that are secondary to another provider visit are not counted as a second visit, i.e., a pediatric visit involving pharmacy, x-ray and laboratory would equal one visit.
- Specialty services provided by contract provider in an IHS facility will be counted as a physician provided ambulatory care visit.
- A dental prescription filled in the pharmacy is a pharmacy visit.

Primary Care Provider Visits (PCPVs). A PCPV is an ambulatory care visit in which the provider is a physician, nurse practitioner, physician assistant, nurse midwife or podiatrist. Dental visits are excluded from the primary care and outpatient visit totals.

### ***Treatment Facility***

A treatment facility is a facility which is primarily used by the Indian Health Service or a Tribe under contract to the Indian Health Service to provide direct and/or contract clinical treatment services to American Indians and Alaska Natives. Facilities fall into three categories: hospitals, health centers (or medical centers), and health stations (or village clinics).

Hospital. A permanent facility which contains inpatient beds, organized staff including physician services and continuous 24 hour nursing services and provides comprehensive health care including diagnosis and treatment for patients.

Health or Medical Center. A facility, physically separated from a hospital, with a full range of ambulatory services including at least primary care providers, some pharmacy, laboratory and x-ray, that are available 40 hours a week.

Health Station or Village Clinic. A facility, physically separated from a hospital or health center, staffed by at least one community health aide (CHA). Most villages have two CHAs. Very limited pharmacy, laboratory, and x-ray services are provided in consultation with a physician. Primary care provider services are available through scheduled field visits.

### ***Outpatient Data Sources***

The source of outpatient activity for most of the data reported in Table 3 is from the National Patient Information Reporting System (NPIRS) which began in January 1996. NPIRS was commissioned as a result of an Office of

TABLE 4

**FY 2001**  
**ALASKA CONTRACT HEALTH**  
**MEDICAL CARE WORKLOAD FOR TRIBALLY OPERATED FACILITIES**  
(Extended Care Workload not included)

Authorizing Facility	HOSPITAL				Out-Patient
	Admissions <sup>1</sup>	Patient	Births	PCPVs <sup>2</sup>	Clinic
		Days <sup>1</sup>			PCPVs <sup>2</sup>
<b>Anchorage Service Unit</b>	<b>470</b>	<b>2,000</b>	<b>89</b>	<b>1,077</b>	<b>15,429</b>
Alaska Native Medical Center	262	1,601	52		5,674
Aleutian/Pribilof Islands (1999 Contract Health)	0	0	0		142
Seldovia Village Tribe IRA	19	65	0	1,077	1,067
Dena'ina HC (Kenaitze)	0	0	0		402
Kodiak Area Native Assn. (2000 Contract Health)	122	262	36		2,631
Copper River Native Assn. (1998 Contract Health)	6	9	0		2,195
Chugachmiut	41	41	0		1,308
Native Village of Eyak (2000 Contract Health)	11	13	1		843
Valdez Native Tribe	9	9	0		1,167
<b>Mt. Edgecumbe Service Unit</b>	<b>943</b>	<b>2,816</b>	<b>9</b>	<b>439</b>	<b>9,117</b>
Mt. Edgecumbe Hosp. (Sitka)	155	610	0	439	6,366
KIC Tribal Health Clinic (Ketchikan) (1999)	224	502	9		201
SEARHC Med/Dental (Juneau)	564	1,704			2,550
<b>Annette Island Service Unit</b>					<b>1,773</b>
<b>Interior Alaska Service Unit</b>	<b>526</b>	<b>2,365</b>	<b>30</b>		<b>34,422</b>
(2000 Contract Health)					
Chief Andrew Isaac	526	2,365	30		31,699
Galena					1,792
Tok					931
<b>Total</b>	<b>1,939</b>	<b>7,181</b>	<b>128</b>	<b>1,516</b>	<b>60,741</b>

<sup>1</sup> Excludes newborns.

<sup>2</sup> Primary Care Provider Visits (PCPVs) are outpatient visits to an M.D., physician assistant, nurse practitioner, nurse midwife, or podiatrist.



Management and Budget (OMB) mandate to eliminate mainframe based data centers within the federal government. NPIRS development has encompassed the conversion of current processing requirements from the mainframe environment to a mid-tier computer platform providing more flexibility and data integrity.

Workload data processed by NPIRS documents outpatient visits by Location of Encounter or **where the patient actually had the visit**. This processing change has increased the total visit numbers at village clinics while decreasing the outpatient workload numbers at hospital facilities. Before FY98 specialty visits at field clinics were coded to the specialist's hospital, thereby crediting the field visit workload to the hospital. The change in coding to where the visit actually occurred reflects a more accurate picture of the community's entire health care workload.

Workload counts for facilities that do not submit data to the NPIRS national database are obtained by request from local area databases.

#### **TABLE 4. CONTRACT MEDICAL CARE WORKLOAD**

Contract Medical Care Workload for Fiscal Year 2001 is presented in Table 4. The IHS defines contract care as: "Services not available directly from IHS or Tribes that are purchased under contract from community hospitals and practitioners." For contract health reporting purposes, they are encounters in the private sector that are purchased by the IHS or the tribe and will be counted as contract health service visits and contract health service days. A separate CHS data system exists for contract health service encounters. Four service units purchase contract health services: Anchorage, Mt. Edgecumbe, Annette Island, and Interior Alaska.

#### **TABLE 5. ADJUSTED HEALTH AIDE VISITS**

Community health aide (CHAP) visits by individual patient encounters plus other types of CHAP workload are shown in Table 5. The workload weightings vary depending on the type of visit: patient encounter, 1.0; group health education, 2.0; fluoride rinses, 0.1; assisting other providers, 0.25; and other types of visits. Weightings are based on the assumptions that a patient encounter requires one hour of community health aide time, that group health education presentations take two hours, that fluoride rinses take six minutes, and that assisting other providers takes 15 minutes. Weightings for "other" types of visits vary. During FY02 adjusted health aide visits totaled 263,947 encounters. This number represents a workload decrease of 1.9 percent from the 269,026 FY01 encounters.

**Table 5.**  
**ADJUSTED HEALTH AIDE VISITS**  
**FISCAL YEAR 2002**

**Individual Patient Encounters Plus Other Types of Workload**

	<b>Patient Encounter (1.0)</b>	<b>Group Health Ed (2.0)</b>	<b>Fluoride (0.1)</b>	<b>Asst. Othr. Providers (0.25)</b>	<b>Other</b>	<b>TOTAL</b>
<b>Aleutian/Pribiloff Islands</b>	3,930	0	0	68	0	<b>3,947</b>
<b>Bristol Bay Area Native Corp.</b>	22,127	26	4,224	1,668	0	<b>23,018</b>
<b>Chitina Traditional Village Council</b>	206	0	0	49	0	<b>218</b>
<b>Chugachmiut</b>	5,287	51	144	532	0	<b>5,536</b>
<b>Council of Athabascan Tribal Govts.</b>	2,760	0	0	0	0	<b>2,760</b>
<b>Copper River Native Assn.</b>	3,626	0	0	0	0	<b>3,626</b>
<b>Eastern Aleutian Tribes</b>	9,958	1	70	50	0	<b>9,980</b>
<b>Kodiak Area Native Assoc.</b>	4,421	16	0	507	0	<b>4,580</b>
<b>Maniilaq Association</b>	32,668	47	47	1,119	0	<b>33,046</b>
<b>Mt. Sanford Tribal Consortium</b>	2,159	50	242	1,214	0	<b>2,587</b>
<b>Ninilchik</b>	125	41	0	666	0	<b>374</b>
<b>North Slope Borough</b>	15,213	2	0	5,348	0	<b>16,550</b>
<b>Norton Sound Health Corp.</b>	20,865	8	11,804	4,199	0	<b>23,111</b>
<b>Southeast AK Regional Health</b>	10,774	0	0	0	0	<b>10,774</b>
<b>St. George</b>	1,112	0	36	114	0	<b>1,144</b>
<b>Tanana Chiefs Conference</b>	18,043	0	129	564	0	<b>18,197</b>
<b>Tyonek</b>	302	0	0	18	0	<b>307</b>
<b>Yakutat</b>	2,622	25	0	157	0	<b>2,711</b>
<b>Yukon Kuskokwim Health Corp.</b>	101,481	0	0	0	0	<b>101,481</b>
<b>GRAND TOTAL</b>	<b>257,679</b>	<b>267</b>	<b>16,696</b>	<b>16,273</b>	<b>0</b>	<b>263,947</b>

The workload weightings vary depending on the type of visit, and are listed directly below the column title. The weightings are based on the general assumptions that a patient encounter required one hour of community health aide time, group health education presentations take two hours of time, fluoride rinses take six minutes, and assisting other providers takes about 15 minutes. Weightings for "other" types of visits are variable.

# **TABLE 6. COMMUNITY HEALTH AIDE WORKLOAD**

Community health aide individual patient encounters by health organization and village for each quarter of the fiscal year are presented in Table 6.

The grand total of CHAP visits totaled 257,679 in FY 2002, 6,197 fewer than FY01's 263,876 encounters. This represents a 2.3 decrease in the total number of patient encounters from FY01. The workload numbers by quarter are: first quarter, 62,996; second quarter, 64,867; third quarter, 61,985; and, fourth quarter, 67,831 encounters.

**Table 6: Community Health Aide Workload, FY 2002****VILLAGE CLINICS**

	1st. Qtr	2nd. Qtr	3rd. Qtr	4th. Qtr	Total Visits
<b>GRAND TOTAL</b>	<b>62,996</b>	<b>64,867</b>	<b>61,985</b>	<b>67,831</b>	<b>257,679</b>

**ALEUTIAN/PRIIBLOF ISLANDS ASSOCIATION**

Atka	449	439	595	459	1,942
Nikolski	151	142	223	246	762
Unalaska	334	372	316	204	1,226
<b>Total APIA</b>	<b>934</b>	<b>953</b>	<b>1,134</b>	<b>909</b>	<b>3,930</b>

**BRISTOL BAY AREA HEALTH CORPORATION**

Aleknagik-North Side	233	124	129	283	769
Aleknagik-South Side	58	22	22	18	120
Chignik Bay	70	116	65	170	421
Chignik Lagoon	145	73	126	212	556
Chignik Lake	63	62	89	52	266
Clark's Point	84	60	74	64	282
Egegik	97	36	39	57	229
Ekwok	87	118	132	185	522
Goodnews Bay	285	281	294	251	1,111
Igiugig	20	20	50	17	107
Illiamna	101	91	67	74	333
Ivanof Bay	0	0	0	0	0
King Salmon	89	95	122	165	471
Kokhanok	127	219	176	192	714
Koliganek	245	185	468	224	1,122
Levelock	142	112	142	134	530
Manokotak	554	670	591	652	2,467
Naknek	318	339	222	297	1,176
Newhalen	156	129	244	141	670
New Stuyahok	1,050	713	560	750	3,073
Nondalton	112	222	84	114	532
Pedro Bay	19	34	44	67	164
Perryville	166	124	218	182	690
Pilot Point	94	80	99	139	412
Platinum	0 *	0	0 *	0	0
Port Heiden	118	69	119	169	475
South Naknek	127	67	111	101	406
Togiak	756	1,140	1,035	1,384	4,315
Twin Hills	150	20	8	16	194
<b>Total Bristol Bay</b>	<b>5,466</b>	<b>5,221</b>	<b>5,330</b>	<b>6,110</b>	<b>22,127</b>

**CHITINA TRADITIONAL VILLAGE COUNCIL**

Chitina	56	38	56	56	206
<b>Total Chitina</b>	<b>56</b>	<b>38</b>	<b>56</b>	<b>56</b>	<b>206</b>

**CHUGACHMIUT**

Chenaga Bay	188	207	195	192	782
Nanwalek	173	110	171	68	522
Port Graham	685	836	776	919	3,216
Tatitlek	187	203	149	228	767
<b>Total Chugachmiut</b>	<b>1,233</b>	<b>1,356</b>	<b>1,291</b>	<b>1,407</b>	<b>5,287</b>

\*There were no Health Aides on duty or the workload was not reported.

**Table 6: Community Health Aide Workload, FY 2002****VILLAGE CLINICS**

	1st. Qtr	2nd. Qtr	3rd. Qtr	4th. Qtr	Total Visits
<b>COUNCIL OF ATHABASCAN TRIBAL GOVTS.</b>					
Arctic Village	236	375	412	256	1,279
Birch Creek	0 *	0	5	0	5
Beaver	79	97	47	18	241
Chalkyitsik	60	61	52	96	269
Circle	69	73	146	63	351
Venetie	159	186	146	124	615
<b>Total Athabascan Tribes</b>	<b>603</b>	<b>792</b>	<b>808</b>	<b>557</b>	<b>2,760</b>
<b>COPPER RIVER NATIVE ASSOCIATION</b>					
Cantwell	147	211	200	330	888
Copper Center	408	468	538	604	2,018
Gulkana	137	191	206	186	720
<b>Total Copper River</b>	<b>692</b>	<b>870</b>	<b>944</b>	<b>1,120</b>	<b>3,626</b>
<b>EASTERN ALEUTIAN TRIBES, INC.</b>					
Akutan	344	438	381	240	1,403
False Pass	80	55	51	58	244
King Cove	772	1,142	769	880	3,563
Nelson Lagoon	312	230	178	169	889
Sand Point	808	830	987	1,234	3,859
<b>Total Eastern Aleutian</b>	<b>2,316</b>	<b>2,695</b>	<b>2,366</b>	<b>2,581</b>	<b>9,958</b>
<b>KODIAK AREA NATIVE ASSOCIATION</b>					
Akhiok	18	109	86	64	277
Karluk (operated locally)	37	39	25	22	123
Larsen Bay	139	152	135	146	572
Old Harbor	454	271	302	335	1,362
Ouzinkie	191	261	180	186	818
Port Lions	350	263	316	340	1,269
<b>Total Kodiak</b>	<b>1,189</b>	<b>1,095</b>	<b>1,044</b>	<b>1,093</b>	<b>4,421</b>
<b>MANIILAQ ASSOCIATION</b>					
Ambler	151	239	135	222	747
Buckland	902	658	626	672	2,858
Deering	287	287	185	409	1,168
Kiana	655	414	427	690	2,186
Kivalina	551	459	456	483	1,949
Kobuk	174	172	162	305	813
Noatak	1,172	1,211	885	1,171	4,439
Noorvik	1,154	1,223	1,311	1,394	5,082
Selawik	1,338	1,681	1,313	1,424	5,756
Shungnak	206	234	149	166	755
Pt. Hope	1,579	1,801	1,843	1,692	6,915
<b>Total Maniilaq</b>	<b>8,169</b>	<b>8,379</b>	<b>7,492</b>	<b>8,628</b>	<b>32,668</b>
<b>MT. SANFORD TRIBAL CONSORTIUM</b>					
Chistochina	212	231	217	178	838
Mentasta	284	316	391	330	1,321
<b>Total Mt. Sanford</b>	<b>496</b>	<b>547</b>	<b>608</b>	<b>508</b>	<b>2,159</b>

\*There were no Health Aides on duty or the workload was not reported.

**Table 6: Community Health Aide Workload, FY 2002**

**VILLAGE CLINICS**

	1st. Qtr	2nd. Qtr	3rd. Qtr	4th. Qtr	Total Visits
<b>NINILCHIK VILLAGE TRADITIONAL COUNCIL</b>					
Ninilchik	35	35	37	18	125
<b>Total Ninilchik</b>	<b>35</b>	<b>35</b>	<b>37</b>	<b>18</b>	<b>125</b>
<b>NORTH SLOPE BOROUGH</b>					
Anaktuvuk Pass	578	614	610	596	2,398
Atkasuk	397	517	426	525	1,865
Kaktovik	787	600	543	425	2,355
Nuiqsut	893	789	844	1,011	3,537
Point Lay	498	417	468	828	2,211
Wainwright	551	738	709	849	2,847
<b>Total North Slope</b>	<b>3,704</b>	<b>3,675</b>	<b>3,600</b>	<b>4,234</b>	<b>15,213</b>
<b>NORTON SOUND HEALTH CORPORATION</b>					
Brevig Mission	220	242	196	197	855
Elim	344	350	286	365	1,345
Gambell	663	435	447	481	2,026
Golovin	166	150	112	192	620
Koyuk	449	376	433	431	1,689
Little Diomed (operated locally)	106	126	158	100	490
Savoonga	581	549	456	536	2,122
Shaktoolik	296	235	170	218	919
Shishmaref	851	854	720	721	3,146
St. Michaels	401	411	312	452	1,576
Stebbins	578	230	416	691	1,915
Teller	249	244	329	282	1,104
Unalakleet	543	367	455	474	1,839
Wales	170	113	127	162	572
White Mountain	181	171	161	134	647
<b>Total Norton Sound</b>	<b>5,798</b>	<b>4,853</b>	<b>4,778</b>	<b>5,436</b>	<b>20,865</b>
<b>SOUTHEAST REGIONAL HEALTH CORPORATION</b>					
Angoon	1,018	908	648	514	3,088
Hydaburg	490	773	693	660	2,616
Kake	939	1,014	854	959	3,766
Kasaan	0	0 *	0 *	0	0
Klawock	255	215	172	0	642
Klukwan	17	8	31	48	104
Pelican	145	87	144	76	452
Tenakee Springs	54	22	13	17	106
<b>Total SEARHC</b>	<b>2,918</b>	<b>3,027</b>	<b>2,555</b>	<b>2,274</b>	<b>10,774</b>
<b>ST. GEORGE ISLAND REGION</b>					
St. George	346	174	250	342	1,112
<b>Total St. George</b>	<b>346</b>	<b>174</b>	<b>250</b>	<b>342</b>	<b>1,112</b>
<b>TANANA CHIEFS CONFERENCE, INC.</b>					
Alatna	22	25	12	16	75
Allakaket	187	265	398	283	1,133
Dot Lake	68	109	77	50	304
Eagle	483	692	568	410	2,153

\*There were no Health Aides on duty or the workload was not reported.

**Table 6: Community Health Aide Workload, FY 2002****VILLAGE CLINICS**

	1st. Qtr	2nd. Qtr	3rd. Qtr	4th. Qtr	Total Visits
Evansville	148	139	195	206	688
Galena	111	30	62	1	204
Healy Lake	0	0	0	0	0
Hughes	111	77	41	64	293
Huslia	495	493	502	471	1,961
Kaltag	264	228	344	336	1,172
Koyukuk	235	166	163	277	841
Manley	171	131	74	20	396
McGrath	197	103	137	89	526
Minto	186	226	130	208	750
Nenana	480	272	255	224	1,231
Nikolai	191	154	179	167	691
Northway	144	176	172	163	655
Nulato	558	359	377	376	1,670
Rampart	0	17	12	26	55
Ruby	263	245	282	246	1,036
Stevens Village	49	117	159	90	415
Takotna	90	77	100	96	363
Tanacross	268	227	185	165	845
Tetlin	170	74	123	219	586
<b>Total Tanana Chiefs</b>	<b>4,891</b>	<b>4,402</b>	<b>4,547</b>	<b>4,203</b>	<b>18,043</b>

**NATIVE VILLAGE OF TYONEK**

Tyonek	68	72	70	92	302
<b>Total Tyonek</b>	<b>68</b>	<b>72</b>	<b>70</b>	<b>92</b>	<b>302</b>

**YAKUTAT COMMUNITY HEALTH CENTER**

Yakutat	332	1,217	443	630	2,622
<b>Total Yakutat</b>	<b>332</b>	<b>1,217</b>	<b>443</b>	<b>630</b>	<b>2,622</b>

**YUKON KUSKOKWIM HEALTH CORPORATION**

Akiachak (operated locally)	474	418	372	638	1,902
Akiak	313	441	588	771	2,113
Alakanuk	815	922	775	919	3,431
Aniak	313	308	426	471	1,518
Anvik	90	114	98	138	440
Atmautluak	328	369	373	471	1,541
Chefornak	696	699	696	818	2,909
Chevak	1,101	1,282	1,131	1,112	4,626
Chuathbulak	88	103	126	145	462
Crooked Creek	89	135	121	125	470
Eek	228	291	309	377	1,205
Emmonak	1,081	1,256	1,032	910	4,279
Grayling	123	73	86	73	355
Holy Cross	110	142	144	180	576
Hooper Bay	1,236	1,429	1,350	1,503	5,518
Kalskag	251	193	267	261	972
Kasigluk	886	813	766	850	3,315
Kipnuk	1,071	858	821	841	3,591
Kongiganak	636	537	503	470	2,146
Kotlik	739	718	688	744	2,889

\*There were no Health Aides on duty or the workload was not reported.

**Table 6: Community Health Aide Workload, FY 2002****VILLAGE CLINICS**

	1st. Qtr	2nd. Qtr	3rd. Qtr	4th. Qtr	Total Visits
Kwethluk	1,436	1,717	1,581	1,711	6,445
Kwigillingok	645	715	693	765	2,818
Lime Village	14	22	18	44	98
Lower Kalskag	480	553	557	594	2,184
Marshall	554	459	583	654	2,250
Mekoryuk	296	258	255	280	1,089
Mountain Village	1,220	1,428	1,302	1,257	5,207
Napakiak	513	264	324	358	1,459
Napaskiak	555	461	493	532	2,041
Newtok	371	457	466	445	1,739
Nightmute	236	280	316	530	1,362
Nunapitchuk	692	576	603	729	2,600
Oscarville	57	26	44	108	235
Pilot Station	519	822	767	802	2,910
Pitka's Point	41	74	63	59	237
Quinhagak (operated locally)	583	612	695	794	2,684
Red Devil (closed)	0	1	0 *	0	1
Russian Mission	546	746	733	640	2,665
St. Mary's	658	648	739	1,221	3,266
Scammon Bay	840	953	751	897	3,441
Shageluk	91	153	118	126	488
Sheldon's Point	211	260	162	252	885
Sleetmute	48	115	99	114	376
Stony River	20	26	42	28	116
Toksook Bay	775	859	858	1,053	3,545
Tuluksak	648	679	648	776	2,751
Tuntutuliak	540	703	604	631	2,478
Tununak	493	498	446	416	1,853
<b>Total Yukon Kuskokwim</b>	<b>23,750</b>	<b>25,466</b>	<b>24,632</b>	<b>27,633</b>	<b>101,481</b>

\*There were no Health Aides on duty or the workload was not reported.